RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/565,263_
Source: _IFWP_
Date Processed by STIC: _1-27-06_

ENTERED

RAW SEQUENCE LISTING   DATE: 01/27/2006
PATENT APPLICATION: US/10/565,263   TIME: 09:38:33

Input Set : A:\ASZD-P01-136.txt
Output Set: N:\CRF4\01272006\J565263.raw

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 3 <110> APPLICANT: Carlsson, Bjorn
 4         Olsson, Per Georg
 6 <120> TITLE OF INVENTION: GENETIC MARKER FOR CORONARY ARTERY DISEASE
 8 <130> FILE REFERENCE: ASZD-P01-136
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/565,263
C--> 10 <141> CURRENT FILING DATE: 2006-01-18
10 <150> PRIOR APPLICATION NUMBER: SE 0302122-7
11 <151> PRIOR FILING DATE: 2003-07-22
13 <160> NUMBER OF SEQ ID NOS: 54
15 <170> SOFTWARE: PatentIn version 3.2
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 121
19 <212> TYPE: DNA
20 <213> ORGANISM: Homo sapiens
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27 t                                                                     121
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36 ggaggcgacc ggggcgcctc tgctccggag ggggcagagg agggagggag cgccgggcac      60
38 mgcgcccggt atctttctgc gcttgactgg ccgggaggaa gggggtgaca ctggggcacc     120
40 c                                                                     121
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44 <211> LENGTH: 121
45 <212> TYPE: DNA
46 <213> ORGANISM: Homo sapiens
48 <400> SEQUENCE: 3
49 cctcatccag acgctccgct agtgcagaca ggagcgcgca gtggccccgg ctcgccgcgc      60
51 yatggagcgg atccccagcg cgcaaccacc ccccgcctgc ctgcccaaag caccgggact     120
53 g                                                                     121
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57 <211> LENGTH: 121
58 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
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63 <221> NAME/KEY: misc_feature
64 <222> LOCATION: (61)..(61)
65 <223> OTHER INFORMATION: n is a, c, g, or t
67 <400> SEQUENCE: 4
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       68 caggatgtac cctgcccaca tgtaccaagt gtacaagtca agacggggaa taaagcggag        60
W--> 70 ngaggacagc aaggtaagca agtgcacccc tagggaccct gcgctcagcc cctcgcgcgc       120
       72 g                                                                      121
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       76 <211> LENGTH: 121
       77 <212> TYPE: DNA
       78 <213> ORGANISM: Homo sapiens
       80 <400> SEQUENCE: 5
       81 agacaggtgg cacccgtttt tttaaattat ttaattatat atatatatta tatatatata        60
       83 yacacacaca cacacacaca catatatgag tgtatctgtc tatctttta aaagcatgac        120
       85 c                                                                      121
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       89 <211> LENGTH: 105
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       95 <221> NAME/KEY: misc_feature
       96 <222> LOCATION: (61)..(62)
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       99 <220> FEATURE:
      100 <221> NAME/KEY: misc_feature
      101 <222> LOCATION: (63)..(64)
      102 <223> OTHER INFORMATION: AC is a repeat of 8-15 units;
      104 <400> SEQUENCE: 6
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      107 atacatatat gagtgtatct gtctatcttt ttaaaagcat cacct                      105
      110 <210> SEQ ID NO: 7
      111 <211> LENGTH: 121
      112 <212> TYPE: DNA
      113 <213> ORGANISM: Homo sapiens
      115 <400> SEQUENCE: 7
      116 atcagaccca gctcccaaag tgatggactt caaggaaaaa cccagctctc cggccaaagg        60
      118 ytcggaaggt cctgggaaaa actgcgtgcc agtcatccag cggactttcg ctcactcgag       120
      120 t                                                                      121
      123 <210> SEQ ID NO: 8
      124 <211> LENGTH: 121
      125 <212> TYPE: DNA
      126 <213> ORGANISM: Homo sapiens
      128 <400> SEQUENCE: 8
      129 actgcgtgcc agtcatccag cggactttcg ctcactcgag tggggagcag agcggcagcg        60
      131 rcacggacac agacagtggc tatggaggag aatcggagaa gggcgacttg cgcagtgagc       120
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      139 <213> ORGANISM: Homo sapiens
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      143 <221> NAME/KEY: misc_feature
      144 <222> LOCATION: (61)..(62)
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Input Set : **A:\ASZD-P01-136.txt**
Output Set: **N:\CRF4\01272006\J565263.raw**

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152 tt                                                                     122
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156 <211> LENGTH: 121
157 <212> TYPE: DNA
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 10
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163 sgggggattg tagcagacgt ctgggctttt ccccacccag agaatagccc ccttcgatac      120
165 a                                                                      121
168 <210> SEQ ID NO: 11
169 <211> LENGTH: 121
170 <212> TYPE: DNA
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 11
174 aagctccttt tggcataggg aagtcacgaa ggattgcttg acatcaggag acttgggggg       60
176 kattgtagca gacgtctggg cttttcccca cccagagaat agccccccttc gatacacatc     120
178 a                                                                      121
181 <210> SEQ ID NO: 12
182 <211> LENGTH: 121
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 12
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191 g                                                                      121
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195 <211> LENGTH: 121
196 <212> TYPE: DNA
197 <213> ORGANISM: Homo sapiens
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202 rgaataaaga gaatgtagtt ccctactcag gctttcgtag tgattagctt actaaggaac      120
204 t                                                                      121
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208 <211> LENGTH: 121
209 <212> TYPE: DNA
210 <213> ORGANISM: Homo sapiens
212 <400> SEQUENCE: 14
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215 wtttttggtc cagagtactt gttttcccga tgtgtccagc cagctccgca gcagcttttc      120
217 a                                                                      121
220 <210> SEQ ID NO: 15
221 <211> LENGTH: 121
222 <212> TYPE: DNA
223 <213> ORGANISM: Homo sapiens
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228 mcacagtgag aaaaaatgaa tgtattcctg tttttgaaga gaagaataat ttttttttttc    120
230 t                                                                      121
233 <210> SEQ ID NO: 16
234 <211> LENGTH: 121
235 <212> TYPE: DNA
236 <213> ORGANISM: Homo sapiens
238 <400> SEQUENCE: 16
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241 ragaagaata attttttttt tctctaggga gaggtacagt gtttatattt tggagccttc .    120
243 c                                                                      121
246 <210> SEQ ID NO: 17
247 <211> LENGTH: 121
248 <212> TYPE: DNA
249 <213> ORGANISM: Homo sapiens
251 <400> SEQUENCE: 17
252 gaaggtgtaa aattgtaaat atttttatct atgagtaaat gttaagtagt tgttttaaaa      60
254 wacttaataa aataattctt ttcctgtgga agagaaagat ggtctcctga gtttttttaaa    120
256 a                                                                      121
259 <210> SEQ ID NO: 18
260 <211> LENGTH: 412
261 <212> TYPE: PRT
262 <213> ORGANISM: Homo sapiens
264 <400> SEQUENCE: 18
266 Met Glu Arg Ile Pro Ser Ala Gln Pro Pro Pro Ala Cys Leu Pro Lys
267 1               5                   10                  15
270 Ala Pro Gly Leu Glu His Gly Asp Leu Pro Gly Met Tyr Pro Ala His
271             20                  25                  30
274 Met Tyr Gln Val Tyr Lys Ser Arg Arg Gly Ile Lys Arg Ser Glu Asp
275             35                  40                  45
278 Ser Lys Glu Thr Tyr Lys Leu Pro His Arg Leu Ile Glu Lys Lys Arg
279     50                  55                  60
282 Arg Asp Arg Ile Asn Glu Cys Ile Ala Gln Leu Lys Asp Leu Leu Pro
283 65                  70                  75                  80
286 Glu His Leu Lys Leu Thr Thr Leu Gly His Leu Glu Lys Ala Val Val
287             85                  90                  95
290 Leu Glu Leu Thr Leu Lys His Val Lys Ala Leu Thr Asn Leu Ile Asp
291             100                 105                 110
294 Gln Gln Gln Gln Lys Ile Ile Ala Leu Gln Ser Gly Leu Gln Ala Gly
295         115                 120                 125
298 Glu Leu Ser Gly Arg Asn Val Glu Thr Gly Gln Glu Met Phe Cys Ser
299     130                 135                 140
302 Gly Phe Gln Thr Cys Ala Arg Glu Val Leu Gln Tyr Leu Ala Lys His
303 145                 150                 155                 160
306 Glu Asn Thr Arg Asp Leu Lys Ser Ser Gln Leu Val Thr His Leu His
307             165                 170                 175
310 Arg Val Val Ser Glu Leu Leu Gln Gly Gly Thr Ser Arg Lys Pro Ser
311             180                 185                 190
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314 Asp Pro Ala Pro Lys Val Met Asp Phe Lys Glu Lys Pro Ser Ser Pro
315         195             200             205
318 Ala Lys Gly Ser Glu Gly Pro Gly Lys Asn Cys Val Pro Val Ile Gln
319         210             215             220
322 Arg Thr Phe Ala His Ser Ser Gly Glu Gln Ser Gly Ser Asp Thr Asp
323 225             230             235             240
326 Thr Asp Ser Gly Tyr Gly Gly Glu Ser Glu Lys Gly Asp Leu Arg Ser
327             245             250             255
330 Glu Gln Pro Cys Phe Lys Ser Asp His Gly Arg Arg Phe Thr Met Gly
331         260             265             270
334 Glu Arg Ile Gly Ala Ile Lys Gln Glu Ser Glu Glu Pro Pro Thr Lys
335         275             280             285
338 Lys Asn Arg Met Gln Leu Ser Asp Asp Glu Gly His Phe Thr Ser Ser
339         290             295             300
342 Asp Leu Ile Ser Ser Pro Phe Leu Gly Pro His Pro His Gln Pro Pro
343 305             310             315             320
346 Phe Cys Leu Pro Phe Tyr Leu Ile Pro Pro Ser Ala Thr Ala Tyr Leu
347             325             330             335
350 Pro Met Leu Glu Lys Cys Trp Tyr Pro Thr Ser Val Pro Val Leu Tyr
351         340             345             350
354 Pro Gly Leu Asn Ala Ser Ala Ala Ala Leu Ser Ser Phe Met Asn Pro
355         355             360             365
358 Asp Lys Ile Ser Ala Pro Leu Leu Met Pro Gln Arg Leu Pro Ser Pro
359         370             375             380
362 Leu Pro Ala His Pro Ser Val Asp Ser Ser Val Leu Leu Gln Ala Leu
363 385             390             395             400
366 Lys Pro Ile Pro Pro Leu Asn Leu Glu Thr Lys Asp
367             405             410
370 <210> SEQ ID NO: 19
371 <211> LENGTH: 2922
372 <212> TYPE: DNA
373 <213> ORGANISM: Homo sapiens
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378 gcccagggga tttcaaagag ctcagactca gaggaacatc tgcggagaga cccccgaagc     120
380 cctctccagg gcagtcctca tccagacgct ccgctagtgc agacaggagc gcgcagtggc     180
382 cccggctcgc cgcgccatgg agcggatccc cagcgcgcaa ccaccccccg cctgcctgcc     240
384 caaagcaccg ggactggagc acggagacct accagggatg taccctgccc acatgtacca     300
386 agtgtacaag tcaagacggg gaataaagcg gagcgaggac agcaaggaga cctacaaatt     360
388 gccgcaccgg ctcatcgaga aaaagagacg tgaccggatt aacgagtgca tcgcccagct     420
390 gaaggatctc ctacccgaac atctcaaact tacaactttg ggtcacttgg aaaaagcagt     480
392 ggttcttgaa cttaccttga agcatgtgaa agcactaaca aacctaattg atcagcagca     540
394 gcagaaaatc attgccctgc agagtggttt acaagctggt gagctgtcag ggagaaatgt     600
396 cgaaacaggt caagagatgt tctgctcagg tttccagaca tgtgcccggg aggtgcttca     660
398 gtatctggcc aagcacgaga acactcggga cctgaagtct tcgcagcttg tcacccacct     720
400 ccaccgggtg gtctcggagc tgctgcaggg tggtacctcc aggaagccat cagacccagc     780
402 tcccaaagtg atggacttca aggaaaaacc cagctctccg gccaaaggtt cggaaggtcc     840
404 tgggaaaaac tgcgtgccag tcatccagcg gactttcgct cactcgagtg gggagcagag     900
406 cggcagcgac acggacacag acagtggcta tggaggagaa tcggagaagg gcgacttgcg     960
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 01/27/2006
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<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; N Pos. 61

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```
L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:60
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